U.S. Patent Application No. 10/774,076 Attorney Docket No. 161 US UT01

transfection formulation (Life Technologies). Cells were analyzed for surface expression and cloned.

Please replace the paragraph beginning on page 37, line 9, with the following:

Recombinant human AR was purchased from R&D Systems and used to immunize Balb/c mice via either the intraperitoneal [[of]] or footpad route. Briefly, mice were immunized intraperitoneally or in the hind footpads using 5-20 µg protein with an equal volume of Ribi adjuvant in a total final volume of 20 µl. Footpad immunizations were performed 4 times at 4 or 5-day intervals. Intraperitoneal immunization involved 4 immunizations at two-week intervals.

Please replace the paragraph beginning on page 40, line 1, with the following:

Another proliferation assay utilized HEKn (Human Epidermal Keratinocytes – neonatal) cells (Cascade Biologics). These cells proliferate to endogenously synthesized AR. HEKn cells were plated at 3 x  $10^3$  cells/well in 96 well black walled plates (Costar) on day 0. On day 1, wells were washed extensively with growth factor free medium (EpiLife Epilife®, a liquid growth medium) (Cascade Biologics). PAR antibodies were then added at various concentrations (0.01 – 3  $\mu$ g/ml). After 48 – 72 hrs, inhibition of endogenous amphiregulin induced proliferation was assessed by quantitation of ATP using a luminescent cell viability assay (CellTiter-Glo CellTiter-Glo®) (Promega Corp.).

Please replace the paragraph beginning on page 41, line 29, with the following:

As shown in Fig. 6, in the AsPC-1 prevention model, both PAR34 and PAR80

demonstrated efficacy in tumor volume reduction with no associated general toxicity based on loss of body weight (data not shown).

Please replace the paragraph beginning on page 42, line 15, with the following:

Total RNA was extracted from approximately 10<sup>7</sup> hybridoma cells producing PAR34 using TRIzol reagent (Life Technologies, Inc., Rockville, MD) and poly (A)<sup>+</sup> RNA was isolated with the PolyATract mRNA Isolation System (Promega Corporation, Madison, WI) according to the suppliers' protocols. Double-stranded cDNA was synthesized using the SMART RACE cDNA Amplification Kit (BD Biosciences Clontech, Palo Alto, CA) following the supplier's

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